

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A method for data transfer between a host system-(210), a database-(214, 215), and a terminal server-(225, 226), the terminal server-(225, 226) having a location, the method comprising ~~the steps of~~:

receiving at a host system-(210), a terminal server ~~identification~~ identifier from a terminal server having a location (225, 226);

querying a database-(214, 215) to obtain service data associated with the location of the terminal server based on the terminal server ~~identification~~ identifier; and

automatically sending the location specific service data from the host system (210)-to the terminal server-(225, 226).

Claim 2 (currently amended): The method of claim 1 wherein the database (214, 215) includes a first record that associates the terminal server ~~identification~~ identifier with the location, and ~~the step of~~ querying the database (214, 215) includes ~~a step of~~ determining the location based on the terminal server ~~identification~~ identifier data from the first ~~record~~ record.

Claim 3 (currently amended): The method of claim 2 wherein the database (214, 215) further includes a record that associates the location with service data that is specific to the location, and ~~the step of~~ querying the database (214, 215) further comprises ~~the step of~~ determining the location specific service data based on the determined location.

Claim 4 (currently amended): The method of claim 1 further comprising ~~the steps of~~:

establishing a data connection between the terminal server (225, 226) and a client computer;
receiving the location specific service data at the terminal server (225, 226); and
forwarding the location specific service data from the terminal server (225, 226) to the client computer.

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Claim 5 (currently amended): The method of claim 4 wherein ~~the step of~~ establishing a data connection is carried out prior to ~~the step of~~ receiving the terminal server ~~identification~~ identifier.


Claim 6 (currently amended): The method of claim 4 wherein ~~the step of~~ establishing a data connection further comprises ~~the step of~~ receiving a dial-up modem connection from a client computer.

Claim 7 (currently amended): The method of claim 1 wherein the terminal server ~~identification~~ identifier comprises a network address associated with the terminal server (225, 226).

Claim 8 (currently amended): The method of claim 7 wherein ~~the step of~~ receiving the terminal server ~~identification~~ identifier further comprises ~~the step of~~ receiving a data packet from the terminal server (225, 226), the data packet including the terminal server (225, 226) network address.

Claim 9 (currently amended): The method of claim 8 wherein the data packet includes request data received at the terminal server (225, 226) from the client computer, the request data identifying an information service.


Claim 10 (currently amended): The method of claim 9 wherein ~~the step of~~ querying the database (214, 215) further comprises querying based on the terminal server ~~identification~~ identifier and the request data; and the location specific service data obtained by the query of the database (214, 215) is associated with both the terminal server ~~identification~~ identifier data and with the service identified by the request data.

 Claim 11 (currently amended): A host system (210) comprising:
a database (214, 215) including a record associating a terminal server ~~identification~~ identifier with service data specific to a location;
an interface to exchange data with a terminal server (225, 226) situated at a location via a communications link; and
a processor configured to receive the terminal server ~~identification~~ identifier from the data interface, to query the database (214, 215) for location specific service data associated with the terminal server ~~identification~~ identifier, and to send the location specific service data obtained by the query to the ~~data interface~~ data interface for transmission to the terminal server (225, 226).

Claim 12 (currently amended): The host system (210) of claim 11 wherein:
the terminal server ~~identification~~ identifier comprises a network address associated with the terminal server (225, 226); and
the interface includes packet processing circuitry to receive a data packet from the terminal server (225, 226) and extract the terminal server ~~identification~~ identifier from a header region of the data packet.

Claim 13 (currently amended): The host system (210) of claim 12 wherein the network address comprises an internet protocol address.

Claim 14 (currently amended): The host system (210) of claim 11 wherein the database (214, 215) includes a disk storage medium comprising a plurality of records associating terminal server ~~identification~~ identifiers with locations and a plurality of records associating locations with service data.

 Claim 15 (currently amended): The ~~server~~ host system of claim 14 further comprising a software storage media coupled to the processor, the media storing instructions to configure the processor to query the database (214, 215), instructions to retrieve locations associated with terminal server ~~identifications~~ identifiers and instructions to query the database (214, 215) to retrieve service data associated with locations.

Claim 16 (currently amended): A computer program residing on a computer-readable medium, comprising instructions for causing a computer to:

receive a terminal server ~~identification~~ identifier from a terminal server (225, 226) having a location;

query a database (214, 215) to obtain location specific service data associated with the location of the terminal server based on the terminal server ~~identification~~ identifier; and
send the location specific service data to the terminal server (225, 226).

Claim 17 (currently amended): The computer program ~~apparatus~~ of claim 16 wherein the instructions to query the database (214, 215) comprise instructions to query the database (214, 215) to determine a the location based on the received terminal server ~~identification~~ identifier.

Claim 18 (currently amended): The computer program ~~apparatus~~ of claim 16 wherein the terminal server ~~identification~~ identifier comprises a network address associated with the terminal server (225, 226).

Claim 19 (currently amended): The computer program ~~apparatus~~ of claim 16 wherein the instructions to receive the terminal server ~~identification~~ identifier comprises instructions to receive a data packet from the terminal server (225, 226), the data packet including ~~the~~ a terminal server network address.

Claim 20 (currently amended): The computer program ~~apparatus~~ of claim 19 wherein the data packet further comprises request data received at the terminal server (225, 226) from a client computer, the request data identifying a service.

Claim 21 (currently amended): The computer program ~~apparatus~~ of claim 20 wherein: the instructions to query the database (214, 215) comprise instructions to query the database (214, 215) based on the terminal server ~~identification~~ identifier and the request data; and the location specific service data obtained by the query is associated with both the terminal server ~~identification~~ identifier and with the service identified by the request data.

Claim 22 (new): A method for data transfer between a host system, a database, and a terminal server, the terminal server having a location, the method comprising:

receiving, at a host system, terminal server identifier from a terminal server having a location;

accessing, by the host system, the location of the terminal server based on the terminal server identifier;

maintaining, at the host system, location specific service data;

querying, at the host system, a database to obtain the location specific service data associated with the location of the terminal server based on the terminal server identifier; and

automatically sending the location specific service data from the host system to the terminal server, wherein the host system is a single source for accessing the location of the terminal server, maintaining the location specific service data, and sending the location specific service data to the terminal server.

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Claim 23 (new): The method as in claim 22 further comprising:

establishing a data connection between the terminal server and a client computer;

receiving the location specific data at the terminal server; and

forwarding the location specific service data from the terminal server to the client
computer.

Claim 24 (new): The method as in claim 22 wherein the terminal server identifier
includes a network address associated with the terminal server.
